



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/706,352
Filing Date	November 11, 2003
First Named Inventor	Dumont M. Jones
Art Unit	
Examiner Name	
Attorney Docket Number	DMJ 2-002

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
KL		US- 6,668,256	12-23-2003	Lynch	707/104.1 707/100	
KL		US- 6,665,661	12-16-2003	Crow, et al.	707/3 707/2	
KL		US- 6,654,743	11-25-2003	Hogg, et al.	707/7	
KL		US- 6,654,739	11-25-2003	Apte, et al.	707/5 707/206	707/205
KL		US- 6,633,868	10-14-2003	Min, et al.	707/3 707/4	
KL		US- 6,631,373	10-07-2003	Otani, et al.	707/5 707/102	707/104.1
KL		US- 6,625,606	09-23-2003	Kondo	707/100 707/1	707/101
KL		US- 6,621,930	09-16-2003	Smadja	382/224 358/405	358/405
KL		US- 6,611,825	08-26-2003	Billheimer, et al.	706/45 382/126	707/1
KL		US- 6,553,382	04-22-2003	Hatori	707/102 707/3	707/4
KL		US- 6,542,889	04-01-2003	Aggarwal, et al.	707/5 707/1	707/10
KL		US- 6,535,875	03-18-2003	Takahashi, et al.	707/3	
KL		US- 6,526,440	02-25-2003	Bjarat	709/219 707/3	707/7
KL		US- 6,522,782	02-18-2003	Pass, et al.	382/218 382/116	382/305
KL		US- 6,519,580	02-11-2003	Johnson, et al.	706/47 706/116	
KL		US- 6,505,197	01-07-2003	Sundaresan, et al.	707/6 707/1	707/100
KL		US- 6,499,026	12-24-2002	Rivette, et al.	707/2 707/1	707/100
KL		US- 6,480,837	11-12-2002	Dutta	707/3 707/4	
KL		US- 6,445,822	09-03-2002	Crill, et al.	382/218 382/21	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	/Kimberly Lovel/	Date Considered	05/10/2006
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**INFORMATION DISCLOSURE
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Sheet 2

of 4

Complete if Known

Application Number	10/706,352
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First Named Inventor	Dumont M. Jones
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Examiner Name	
Attorney Docket Number	DMJ 2-002

U. S. PATENT DOCUMENTS

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	KL	US- 6,397,205	05-28-2002	Juola	707/2	
	KL	US- 6,360,277	03-19-2002	Aggarwal, et al.	709/250 709/230	710/63
	KL	US- 6,260,051	07-10-2001	Katamyama, et al.	715/536 704/7	715/531
	KL	US- 6,169,969	01-02-2001	Cohen	704/10 704/1	715/531
	KL	US- 6,131,091	10-10-2000	Light	707/5 704/235	707/10
	KL	US- 6,047,277	04-04-2000	Parry, et al.	706/20 706/14	706/15
	KL	US- 6,012,053	04-04-2000	Pant, et al.	707/3 700/4	707/4
	KL	US- 5,978,797	11-02-1999	Yianilos	707/3 707/4	
	KL	US- 5,893,092	04-06-1999	Driscoll	707/5 704/9	707/3
	KL	US- 5,787,420	07-28-1998	Turkey, et al.	707/5 707/2	707/4
	KL	US- 5,771,378	06-23-1998	Holt, et al.	707/5 704/10	704/9
	KL	US- 5,748,953	05-05-1998	Mizutani, et al.	707/6 715/500	715/531
	KL	US- 5,706,365	01-06-1998	Rangarajan, et al.	707/102 715/505	
	KL	US- 5,687,364	11-11-1997	Saund, et al.	704/5 707/6	
	KL	US- 5,659,766	08-19-1997	Saund, et al.	704/9 715/505	
	KL	US- 5,642,502	06-24-1997	Driscoll	707/5 707/200	707/6
	KL	US- 5,600,835	02-04-1997	Garland, et al.	707/5	
	KL	US- 5,553,226	09-03-1996	Kiuchi, et al.	715/835 715/804	715/854
	KL	US- 5,442,778	08-15-1995	Pedersen, et al.	707/5 707/7	

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Signature

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				First Named Inventor	Dumont M. Jones
				Group Art Unit	
Examiner Name					
Sheet	4	of	4	Attorney Docket Number	DMJ 2-002

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
EXAMINER INITIALS*	CITE NO. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Publisher, city and/or country where published	T ²
KL	1	GEOFFREY M. DOWNS AND PETER WILLETT, <u>Similarity Searching in Databases of Chemical Structures</u> , Reviews in Computational Chemistry, Vol 7, VCH Publishers, Inc., New York, 1996.	
KL	2	WRAY BUNTINE, <u>Graphical Models for Discovering Knowledge</u> , Thinkbank, Inc.	
KL	3	CHUN-NAN HSU AND CRAIG . KNOBLOCK, <u>Using Inductive Learning To Generate Rules for Semantic Query Optimization</u> , University of Southern California.	

Examiner Signature	/Kimberly Lovel/	Date Considered	05/10/2006
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